

A detailed 3D cutaway diagram of the sPHENIX detector at Brookhaven National Laboratory. The diagram shows the complex internal structure, including the central barrel calorimeter, the endcap calorimeters, and the various support structures and piping. The components are color-coded to distinguish different parts of the detector.

Welcome to sPHENIX software and simulation workfest


<https://indico.bnl.gov/conferenceDisplay.py?confId=1237>

Jin Huang (BNL)

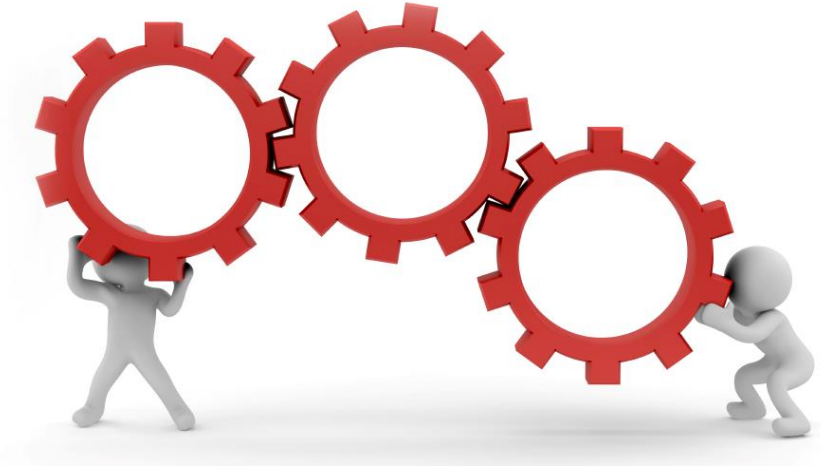
Also for Alan Dion (SBU), Nils Feege (SBU)

Plenary sessions



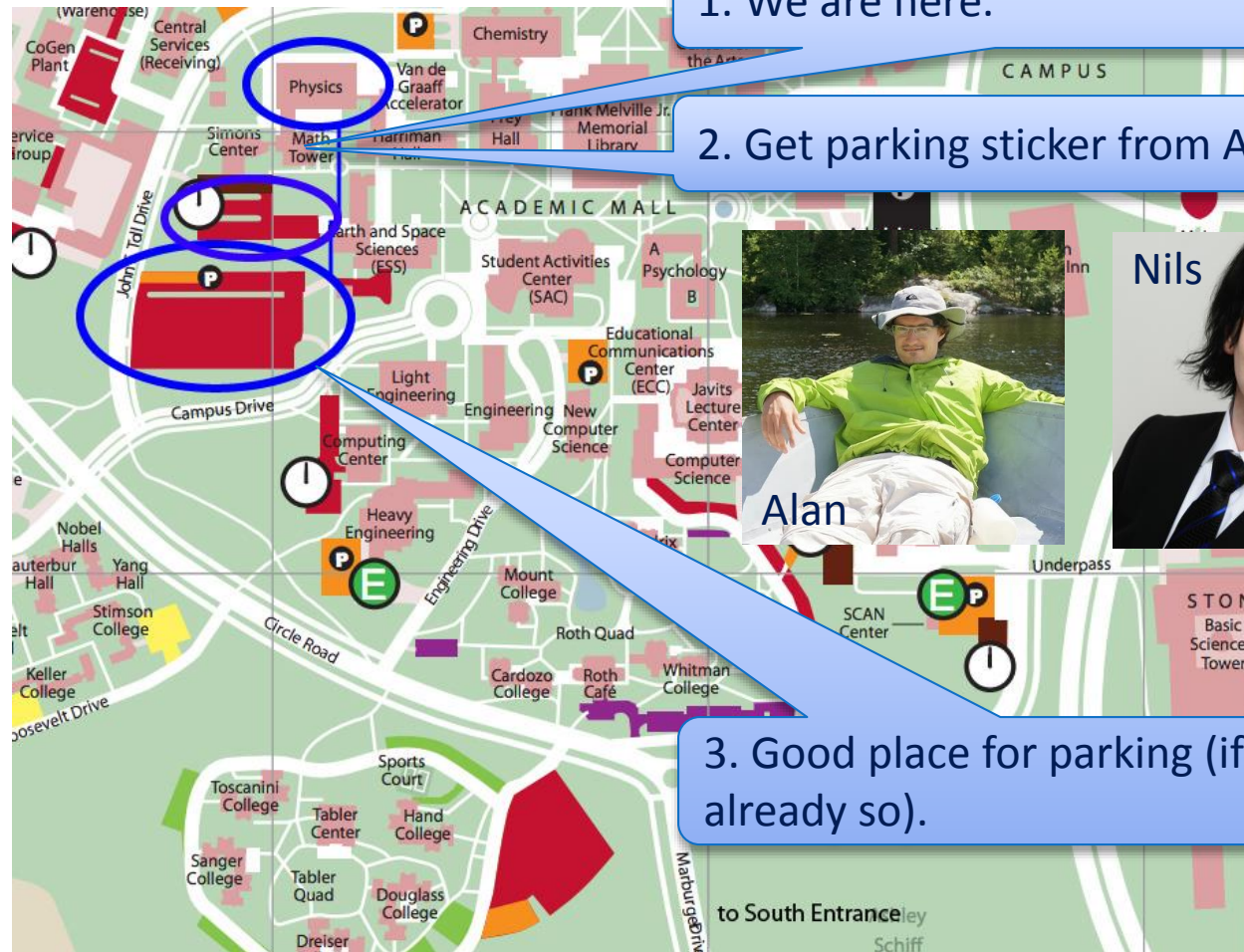
- ▶ **Monday AM:** news for the project and introduction to simulation status/plan
- ▶ **Monday PM:** tutorial session 1, running sPHENIX simulation
- ▶ **Tuesday AM:** tutorial session 2, analyzing simulation data
- ▶ **Wednesday AM:** topical discussion experience from EICROOT framework and applications
- ▶ **Other AM time:** topical discussion TBD, jet? detectors?
- ▶ **Slides upload:**
 - It would be easier to register an indico account
 - From agenda, author can upload slides through  -> “manage material”

Work sessions



- ▶ Other time slot are work sessions
- ▶ Welcome to use the room and group according to your interest
- ▶ Speaker in the introduction session will coordinate work in the respective subject
- ▶ Welcome to bring progress made / problem to discuss in one of the morning sessions.

Logistics: parking



1. We are here.

2. Get parking sticker from Alan/Nils

3. Good place for parking (if not already so).

Logistics : food



- ▶ Monday evening
 - We are planning a dinner at a near-by restaurant
 - Please sign up by emailing before end of coffee break
- ▶ Tuesday evening
 - 2015 Summer Concert Series at the Simons Center , reception starts 5:30 PM
 - See <http://scgp.stonybrook.edu/archives/15096>
- ▶ Lunches:



<http://www.stonybrook.edu/commcms/campusdining/menus/CAMPUSDINING-MAP.pdf>

Simulation start-up check list



- ▶ sPHENIX wiki:

- https://wiki.bnl.gov/sPHENIX/index.php/Main_Page

- Login user name : sphenix, (ask for password)

- ▶ sPHENIX software repository:

- <https://github.com/sPHENIX-Collaboration>

- (public readable, collaborator/dev. team editable)

- **Please register an account at GitHub**, and send me <jhuang@bnl.gov> your user name

- help navigate through the code:

- <https://www.phenix.bnl.gov/WWW/sPHENIX/doxygen/html/>

- ▶ Chris' tutorial this afternoon